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## Solid Supported Synthesis of Bio-Active N-Alkyl Carbazole Compounds Using Microwaves

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### ABSTRACT

*Carbazole readily reacts with alkyl halides after adsorption on solid supports and on irradiation with microwaves to afford the corresponding products in good yields. The method was found to be satisfactory for resolution of pure products, in a shorter time as compared to the conventional method. The additional features of methodology includes very faster reaction, higher yields and purity of the products and ecofriendly approach.*

**Keywords:** Carbazole, Microwave Irradiation, Alkyl halides, Solid Supports.

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